

CONSTRUCTION PERMIT SUMMARY REPORT

Company Name: New Cingular Wireless PCS, LLC dba AT&T Mobility File Number: 90-0419 EPS Initials: AY

Permit Number(s): 970398P Source Number(s): 01

Application Received (date): June 12, 2015 Application Complete (date): June 12, 2015

Air Quality Analysis Performed? Yes ☐ No ☒

This is an existing internal combustion diesel-fired engine (72 hp) used for an emergency generator. This emergency engine is subject to NSPS, **Subpart IIII**, Standards of Performance for Stationary Compression Ignition Internal Combustion Engines. Additionally, the engine will meet the engine MACT (40 CFR 63 Subpart ZZZZ) by meeting the NSPS requirements in subpart IIII. This is an area source of hazardous air pollutants, and is not a major source for New Source Review (PSD). The expected emissions from this source are products of combustion of fuel oil. Pollution control equipment is not proposed for this source. This source is located in an area that is attainment for all pollutants. There would be no physical construction, because this engine has been on-site since February 2007.

The engine is stationary, compression ignition, greater than 50 HP, less than 3,000 HP, less than 10 L displacement per cylinder, model year 2006, and designated use for emergency purposes.

Rules Analysis

Title V ☐ Cond. Major ☐ Minor ☒ Source category listed in 1200-03-09-.01(4)(b)1.(i)? Yes ☐ No ☒

Reason for PSD:	New source above ____ TPY	<input type="checkbox"/>	Sig. increase in ____ emissions	<input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
Applicable NSPS:	40 CFR Part 60, Subpart <u>4I</u>	<input checked="" type="checkbox"/>	State Rule 1200-03-16-.	<input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
Applicable NESHAP:	40 CFR Part 61, Subpart ____	<input type="checkbox"/>	State Rule 1200-03-11-.	<input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
Applicable NESHAP:	40 CFR Part 63, Subpart <u>4Z</u>	<input checked="" type="checkbox"/>	State Rule 1200-03-31-.	<input type="checkbox"/>	N/A <input checked="" type="checkbox"/>

Other Applicable State Rules

TSP Emissions:	1200-03- <u>06</u> -. <u>02(2)</u>	<input checked="" type="checkbox"/> N/A <input type="checkbox"/>	NO _x Emissions:	1200-03- <u>07</u> -. <u>07(2)</u>	<input checked="" type="checkbox"/> N/A <input type="checkbox"/>
SO ₂ Emissions:	1200-03- <u>14</u> -. <u>03(5)</u>	<input checked="" type="checkbox"/> N/A <input type="checkbox"/>	____ Emissions:	1200-03-____ -. ____	<input type="checkbox"/> N/A <input type="checkbox"/>
CO Emissions:	1200-03- <u>07</u> -. <u>07(2)</u>	<input checked="" type="checkbox"/> N/A <input type="checkbox"/>	____ Emissions:	1200-03-____ -. ____	<input type="checkbox"/> N/A <input type="checkbox"/>
VOC Emissions:	1200-03- <u>07</u> -. <u>07(2)</u>	<input checked="" type="checkbox"/> N/A <input type="checkbox"/>	____ Emissions:	1200-03-____ -. ____	<input type="checkbox"/> N/A <input type="checkbox"/>

Visible Emissions from	____ source	not to exceed	<u>20</u> % opacity per Method	<u>9</u> (Rule 1200-03- <u>05</u> -. <u>03(6)</u>) &
Visible Emissions from	____	not to exceed	____ % opacity per Method	____ (Rule 1200-03- <u>05</u> -. <u>01(1)(4)</u>)
Visible Emissions from	____	not to exceed	____ % opacity per Method	____ (Rule 1200-03-____ -. ____)

Comments: _____

90-0419-01

Emission Summary

Permit Number:

970398P

Source Status: New ☒ Modification ☐ Expansion ☐ Relocation ☐Permit Status: New ☒ Renewal ☐PSD ☐ NSPS ☒ NESHAPs ☒

Previous Permit Number:

Construction

Operating

	Pounds/Hour			Tons/Year				Date of Data	*	Applicable Standard 1200-03-
	Actual	Potential	Allowable	Actual	Potential	Allowable	Net			
TSP		0.31	0.31		0.077	0.077		05/28/15		06-.02(2)
SO ₂		0.15	0.15		0.037	0.037		05/28/15		14-.03(5)-BACT
CO		0.48	0.48		0.12	0.12		05/28/15		07-.07(2)
NMHC + NO _x		1.10	1.10		0.27	0.27		05/28/15		40 CFR 60.4205(a)
HAP					neg.			05/28/15		
CO ₂ e					117			05/28/15		
VOC		0.18	0.18		0.045	0.045		05/28/15		07-.07(2)

Source of the data is the application dated May 28, 2015

The permittee has asked that the Tier I standards to be used for the engine.

The tons per year emission were calculated at 500 hours of operation per year based on the guidance found in the Seitz memo regarding the PTE determination for emergency engines. Allowable emissions for fee purposes are equal to the potential emissions.

The allowable emission limits from 40 CFR part 60 subpart IIII are in units of grams/kilowatt-hour. Each standard was reduced to lb/hr using the engine power output, in kilowatts, and a conversion factor of 453.592 grams per pound.

PERMITTING PROGRAM: AYDATE: 09/04/15